



ORANGEBURG-CALHOUN TECHNICAL COLLEGE
3250 ST. MATTHEWS RD.
ORANGEBURG, SC 29118

REQUEST FOR WRITTEN QUOTATION

RFQ #: OC-16-1819
Issue Date: March 25, 2019
Buyer: Scarlet Geddings
Phone: 803-535-1243
Open Date: April 3, 2019 @ 5:00 p.m.
Public opening not held for quotes.

Orangeburg-Calhoun Technical College is soliciting quotes for the purchase of a Fresenius 2008T Hemodialysis Delivery System or Equivalent for the Health Sciences Program.

Vendors must submit a spec sheet, brochure, or web link for substituted items to assure that equipment is equivalent to the items listed. For reference and comparison, Fresenius specs from the company website are include in Attachment A.

Machine: Fresenius 2008T Hemodialysis Delivery System or Equivalent

All quotes must be returned by April 3, 2019 @ 5:00 p.m.

Scarlet Geddings
Purchasing Officer
Orangeburg-Calhoun Technical College
3250 St. Matthews Road
Orangeburg, SC 29118
geddingss@octech.edu
803-535-1243 phone * 803-535-1388 fax

Quote cost of supplies as specified.

Quotes are requested on the products listed.

Award will be made to one bidder for entire quantity.

Deliveries shall be made to:
Orangeburg-Calhoun Technical College
Attn: Shipping and Receiving
3250 St. Matthews Rd.
Orangeburg, SC 29118.

**Unit price to be shown for each item.

Do not add any taxes to this Request for Quotation.

NO Public Opening: No public opening will be held for requests for quotations.

Manufacturer's standard warranty will be required in writing at the time of delivery of product.

Offerer's quoting other than specified must include the catalog number and manufacturer's name of the item offered and attach manufacturer's latest catalog and/or specifications sheets with their return bid.

The successful bidder must furnish and deliver required equipment and or products with operational instructions to be given.

Delivery : Delivery and invoicing must be completed in a timely manner. Delivery must be made after April 11, 2019.

The right is reserved to reject any quotation in which the delivery time indicated is considered sufficient to delay the operation for which the commodity is intended.

Quotations other than by manufacturer, must be submitted by factory authorized dealers only.

ORANGEBURG-CALHOUN TECHNICAL COLLEGE WILL ACCEPT FAXED QUOTATIONS. Faxes must be sent to the attention of Scarlet Geddings at 803-535-1388.

Quotes must be received in the Purchasing Department on or before the date stated. Please reference title and quote number on return envelope.

If a statement of award is desired, enclose a stamped, self-addressed envelope.

GENERAL PROVISIONS

1. Orangeburg-Calhoun Technical College reserves the right to reject any and all quotes in whole or in part, to waive all technicalities and to cancel the solicitation.
2. Unit Prices: Unit prices will govern over extended prices unless otherwise stated in notice.
3. Offeror's Qualifications: Offerors must, upon request of the College furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. The College reserves the right to make the final determination as to the bidder's ability to provide the products or services requested herein.
4. Offeror's Responsibility: Each offeror shall fully acquaint himself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this bid. It is expected that this will sometimes require on-site observation. The failure or omission of an offeror to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to the quote or to the contract.
5. Award Criteria: The contract shall be awarded to the lowest responsible and responsive bidder(s) whose quote meets the requirements and criteria set forth in the Request For Quote.
6. Specifications: Any deviation from specifications indicated herein must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful bidder will be held responsible thereof. Deviations must be explained in detail on separate attached sheet(s).
7. DEADLINE FOR SUBMISSION OF OFFER: Any offer received after the procurement officer of the governmental body or his designee has declared that the time set for opening has arrived, shall be rejected unless the offer has been delivered to the designated purchasing office or the governmental bodies' mail room which services that purchasing office prior to the bid opening. [R.19-445.2070(H)]
8. BID IN ENGLISH & DOLLARS: Offers submitted in response to this solicitation shall be in the English language and in US dollars, unless otherwise permitted by the Solicitation.
9. OMIT TAXES FROM PRICE: Do not include any sales or use taxes in Your price that the State may be required to pay.
10. PROTEST: Right to protest under Section 11-35-4210(1) of the SC Consolidated Code does not apply. RE: Small Purchases (less than \$50,000 in actual or potential value) Section 11-35-1550(3).

PROCUREMENT PREFERENCES

PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences. **ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.** [11-35-1524(E)(4)&(6)]

PREFERENCES - SC/US END-PRODUCT (SEP 2009): Section 11-35-1524 provides a preference to vendors offering South Carolina end-products or US end-products, if those products are made, manufactured, or grown in SC or the US, respectively. An end-product is the tangible project identified for acquisition in this solicitation, including all component parts in final form and ready for the use intended. The terms "made," "manufactured," and "grown" are defined by Section 11-35-1524(A). By signing your offer and checking the appropriate space(s) provided and identified on the bid schedule, you certify that the end-product(s) is either made, manufactured or grown in South Carolina, or other states of the United States, as applicable. Preference will be applied as required by law. Post award substitutions are prohibited. See "Substitutions Prohibited - End Product Preferences (Sep 2009)" provision.

PREFERENCES - RESIDENT VENDOR PREFERENCE (SEP 2009): To qualify for the RVP, you must maintain an office in this state. An office is a non-mobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must either: (1) maintain at a location in South Carolina at the time of the bid an inventory of expendable items which are representative of the general type of commodities for which the award will be made and which have a minimum total value, based on the bid price, equal to the lesser of fifty thousand dollars [\$50,000] or the annual amount of the contract; or (2) be a manufacturer headquartered and having an annual payroll of at least one million dollars in South Carolina and the end product being sold is either made or processed from raw materials into a finished end product by that manufacturer or its affiliate (as defined in Section 1563 of the Internal Revenue Code).

SUBSTITUTIONS PROHIBITED - END PRODUCT PREFERENCES (SEP 2009): If you receive the award as a result of the South Carolina end product or United States end product preference, you may not substitute a non-qualifying end product for a qualified end product. If you violate this provision, the State may terminate your contract for cause and you may be debarred. In addition, you shall pay to the State an amount equal to twice the difference between the price paid by the State and your evaluated price for the item for which you delivered a substitute. [11-35-1534(B)(4)]

Please check below all preferences that you are claiming:

- South Carolina End Product
- US End Product
- Resident Vendor

Please provide the address and phone number for your in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor Preference or the Resident Contractor Preference. Accordingly, you must provide this information to qualify for the preference. An in-state office is not required, but can be beneficial, if you are claiming the Resident Subcontractor Preference (11-35-1524(D)). (check only one)

- In-State Office Address same as Home Office Address
- In-State Office Address same as Notice Address

Attachment A

Fresenius 2008T Specs (copied from the Fresenius Website)

Dimensions

Floor space Approximately 54 cm wide by 63 cm deep
Height 149 cm
Total weight Approximately 86 kg

Electrical

Power Supply - Main AC 117 V $\pm 10\%$ 60 Hz
Power Consumption Does not exceed 12.5 amps
External Connections Isolated RS232 and Ethernet ports; leakage current isolation per UL 60601-1 between the machine and external computer

Water

Ingress Rating IPX1 (Vertical drip-proof protection)
Back Flow Prevention Integral back flow prevention provided by external vent to atmosphere in water inlet circuit.
Water Pressure Min 20 psi; max 105 psi
Water Temperature Min 10°C; max 25°C
Quality AAMI Standard, RD62:2006 and RD52:2004, Dialysate for Hemodialysis
Drain 3 feet maximum height. Must comply with local codes and must maintain a free fall air gap between drain hose and building drain.
Rinsing Temperature 37°C. Flow rate 620 ml/min. Time between 10 and 60 minutes (internally selectable)

Dialyzing Fluid

Dialysate Flow Dialysate Flow button
Adjustment Range Accuracy: $\pm 5\%$
Sequential (0)/100/200/300/400/500/600/700/800 ml/min., selectable in the Dialysis screen;
Additionally: 1.5X or 2X dialysate flow rate based on the Blood Pump rate (Qb):

Qb w/1.5X selected Qb w/2X selected Qd

0 - 165† 0 - 150‡ 300
166 - 215† 151 - 215† 400
216 - 315† 216 - 265† 500
315 and below‡ 265 and below‡ 500
316 - 415 266 - 315 600
416 - 480 316 - 365 700
481 and above 366 and above 800

Note: All flow rates are approximate. Dialysate flow will not adjust unless the

blood pump is adjusted at least 15 - 20 ml/min.

† (if Auto Flow Minimum 300 Qd is set in Service Mode)

‡ (if Auto Flow Minimum 500 Qd is set in Service Mode)

Concentrate Pressure Max suction height 3 feet

Max supplied pressure 2 psi

Acid Adjustment Range 130 to 155 mEq/L Na+

Bicarbonate Adjustment 20 to 40 mEq/L Bicarbonate

Range

Range of Display 10.0 to 17.0 mS/cm. At 25°C. Alarm limits will not go below 12.5 or above 16.0 mS/cm.

Dialysate Temperature Selectable from 35 to 39°C

Sodium Variation Three preset profiles (step, linear, and exponential)

System (SVS)

Online Clearance (OLC) Dialysate Flow rate: 300-800 ml/min

of Tests: 1-6 during each treatment

Ultrafiltration Control

UF Pump Volume $\pm 1\%$ (for Pdi > -500 mbar)

Accuracy where Pdi = dialysate pressure on the inlet side of the dialyzer

Fluid Removal Rate 0 - 4000 ml/hr

from Patient

UF Profiles Eight UF profiles are available for the removal of fluid from the patient.

Four are preset and four may be defined by the user.

Heat Disinfection

Temperature 83 ± 8 °C

Flow Rate 600 ml/min.

Time Between 10 and 60 minutes (internally selectable)

Chemical Disinfection

Temperature 37°C (set point applicable)

Flow Rate 620 ml/min.

Time Between 10 and 60 minutes (internally selectable)

Blood Circulation

Blood Pump

Display of blood flow rate 6 - 600 ml/min

Internal diameter of 2.6, 4.8, 6.4, 8.0 mm

blood pump segment

Heparin Pump

Type of Syringe 10 - 12 ml disposable syringe

Administration Rate 0 to 9.9 ml/hr

Arterial Pressure Monitor -300 to +500 mmHg

Venous Pressure Monitor -80 to +500 mmHg

TMP Monitor +60 to -520 mmHg

Level detector Ultrasonic impulses detect fluid level in the drip chamber

Blood Leak Detector Two color light source transmitter / sensor with a resolution of:

minor > 0.35 ml/min. of blood (hematocrit = 25%)

alarm > 0.45 ml/min. of blood (hematocrit = 25%)

Access Flow (Qa) Maximum Qa: 2000 ml/min

requires OLC

User Interface

Language The operating screens may be set to either French (Canadian),

Spanish (Mexico), or English (USA)

Blood Pressure Module

Cuff Inflation Typically 5 - 10 seconds from 0-250 mmHg

Interval Settings Interval times: 5 - 60 minutes in increments of 5 minutes

Optional Features

Blood Volume Monitor (BVM)

Blood Temperature Monitor (BTM)

Single Needle (SN)

Integrated Auto Pre-rinse between 15 - 30 minutes @ 600 ml/min or 300 ml/min (user selectable).

Disinfect (IAD) Note: Silicon inlet/drain tubing set #M38512 must be used with this option